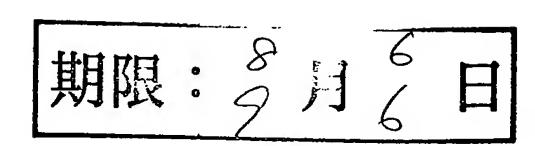
## PATENT COOPERATION TREATY

# **PCT**



# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P05135200	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/ye	ear) (Earliest) Priority Date (day/month/year)
PCT/JP2005/002965	17/02/2005	17/02/2004
Applicant HONDA MOTOR CO., LTD.		
This International Search Report has been according to Article 18. A copy is being to	en prepared by this International Searchi ransmitted to the International Bureau.	ng Authority and is transmitted to the applicant
This International Search Report consists  X It is also accompanied by	s of a total of <u>4</u> sheets y a copy of each prior art document cited	
language in which it was filed, un	nless otherwise indicated under this item.  I search was carried out on the basis of a	the basis of the international application in the  translation of the international application furnished to
mis Authority (Hi	ule 23.1(b)).	closed in the international application, see Box No. I.
2. Certain claims were for	und unsearchable (See Box II).	
3. Unity of invention is lac	king (see Box III).	
4. With regard to the title,		
X the text is approved as s	ubmitted by the applicant.	
the text has been established	shed by this Authority to read as follows:	
		·
		-
5. With regard to the abstract,	when it to de the continue to	
	ubmitted by the applicant.  shed, according to Bule 38 2(b), by this 4	Authority as it appears in Box No. IV. The applicant
may, within one month from	om the date of mailing of this internation:	al search report, submit comments to this Authority.
6. With regard to the drawings,		
a. the figure of the drawings to be	published with the abstract is Figure No.	
as suggested by	the applicant.	
	is Authority, because the applicant failed	
	is Authority, because this figure better ch	naracterizes the invention.
b none of the figures is to b	pe published with the abstract.	

International application No.

PCT/JP2005/002965

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A valve train includes a primary rocker arm 50 oscillating about a primary oscillating center line L4 in response to the rotation of an inlet cam 21, a secondary rocker arm 60 oscillating about a secondary oscillating center line L5 so as to transmit a valve drive force via the primary rocker arm 50 to the inlet valve 14 and a holder 30 which supports the primary and secondary rocker arms 50, 60 in an oscillatory fashion in such a manner that the primary and secondary oscillating center lines L4, L5 oscillate together. A cam profile 55 has a lost motion profile 55a and a drive profile 55b formed on an abutment portion 54 of the primary rocker arm 50. A sectional shape of the lost motion profile 55a is an arc-like shape which is formed about the primary oscillating center line L4.

Form PCT/ISA/210 (continuation of first sheet (3)) (January 2004)

International Application No PCT/JP2005/002965

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F01L13/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 F01L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. PATENT ABSTRACTS OF JAPAN Α 1,14,15 vol. 2002, no. 12, 12 December 2002 (2002-12-12) & JP 2002 235515 A (SUZUKI MOTOR CORP), 23 August 2002 (2002-08-23) abstract; figures 1-3,5-8 EP 1 039 103 A (BAYERISCHE MOTOREN WERKE Α 1,14,15 AKTIENGESELLSCHAFT) 27 September 2000 (2000-09-27) paragraph '0001! paragraph '0011! figures 1-3 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention \*E\* earlier document but published on or after the international \*X\* document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docuother means ments, such combination being obvious to a person skilled in the art. \*P\* document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 27 June 2005 06/07/2005 Name and mailing address of the ISA 'Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Paquay, J Fax: (+31-70) 340-3016

International Application No
PCT/JP2005/002965

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.				
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